

**EMULATION OF DYNAMICALLY RECONFIGURABLE
COMPUTER SYSTEM****ABSTRACT OF THE DISCLOSURE**

The present invention relates to a system and method for emulating a greater range of behavior of a peripheral device connected to a host device or host computer than was available in the prior art. The emulation of a greater range of activity of the peripheral device provides an opportunity to more fully test the interaction of a host device with the emulated peripheral device. More specifically, the present invention preferably adds control data line and power data line connections to user data line connections between the host device and an intelligent emulator so that variations in control settings and power levels may be exercised in addition to manipulation of transmissions along a user data line, thereby more fully exercising host device interaction with an emulated device.